

## Product datasheet for **RG203473**

### **TAGLN2 (NM\_003564) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TAGLN2 (NM\_003564) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** TAGLN2  
**Synonyms:** HA1756  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG203473 representing NM\_003564  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCAACAGGGGACCTGCATATGGCCTGAGCCGGGAGGTGCAGCAGAAGATTGAGAAACAATATGATG  
CAGATCTGGAGCAGATCCTGATCCAGTGGATCACCACCCAGTGCCGAAAGGATGTGGGCCGGCCCCAGCC  
TGGACGCGAGAACTTCCAGAAGTGGCTCAAGGATGGCACGGTCTATGTGAGCTCATTATGCACTGTAC  
CCCAGGGGCGAGCCCCAGTAAAGAAGATCCAGGCCTCCACCATGGCCTCAAGCAGATGGAGCAGATCT  
CTCAGTTCCTGCAAGCAGCTGAGCGCTATGGCATTAAACCACTGACATCTTCCAACTGTGGACCTCTG  
GGAAGGAAAGAACATGGCCTGTGTGCAGCGGACGCTGATGAATCTGGGTGGGCTGGCAGTAGCCCGAGAT  
GATGGGCTCTTCTCTGGGGATCCCAACTGGTTCCTAAGAAATCCAAGGAGAATCCTCGGAATCTCGG  
ATAACCAGCTGCAAGAGGGCAAGAACGTGATCGGGTTACAGATGGGCACCAACCGCGGGCGTCTCAGGC  
AGGCATGACTGGCTACGGGATGCCACGCCAGATCCTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG203473 representing NM\_003564  
Red=Cloning site Green=Tags(s)

MANRGPAYGLSREVVQKIEKQYDADLEQILIQWITTQCRKDVGRPQPGRENFQNWLDKGTVLCELINALY  
PEGQAPVKKIQASTMAFKQMEQISQFLQAAERYGINTTDIFQTVDLWEGKNMACVQRTLMLNLGGLAVARD  
DGLFSGDPNWFPPKSKENPRNFSNQLQEGKNVIGLQMGNTNRGASQAGMTGYGMPRQIL

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI





RefSeq Size: 1360 bp

RefSeq ORF: 600 bp

Locus ID: 8407

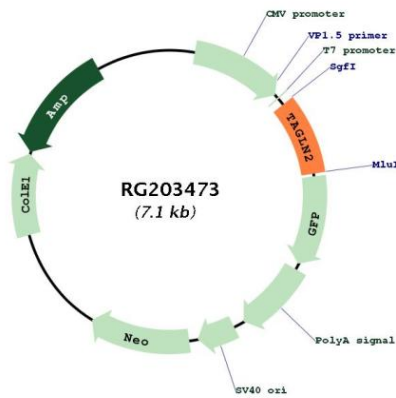
UniProt ID: [P37802](#)

Cytogenetics: 1q23.2

Domains: calponin, CH

**Gene Summary:** The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

**Product images:**



Circular map for RG203473